==Phrack Inc.==

Volume 0x0e, Issue 0x44, Phile #0x01 of 0x13

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|=-------------------------=[Introduction]=----------------------------=|
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|=----------------------=[by the Phrack staff]=-------------------------=|
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|=------------------------=[April 14, 2012]=-------------------------=|
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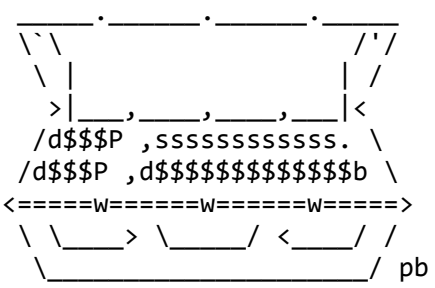
"C is quirky, flawed, and an enormous success."
-- Dennis Ritchie

October 2011, a legend has fallen...



Dennis Ritchie, proud father of nothing less than our beloved C language and UNIX operating system, is gone. While the world has been crying over the loss of Steve Jobs, little has been written about Dennis' death. Saying that his inventions influenced the hacking community in a way even he probably never knew is _not_ an exaggeration. Think about it: how many of us became hackers because we discovered C, related bugs or UNIX?

Dennis, the world might not be aware of your unbelievable contribution but we are. Farewell dear friend, may you rest in peace.

-- anonymous bug hunter

-----(Dark Thoughts)-----

Today I woke up thinking about the death of this Chinese little girl [1]. I felt bad. It's true that watching the youtube video was disturbing but something kept hitting my mind. What if the incident had occurred in my country? Would people really have behaved any differently? I have doubts. Just because a video leaked on the Internet people conveniently blamed China, a country both controverted and feared.

What if the modern society in general was tending to slowly become amoral and cold? A proof is that we all watched this video fully aware of its content. Vicious, aren't we? But not only that. We're also fucking cowards. Suddenly discovering that there is a darkness hidden inside the very roots of our society is dramatic. But pretending to ignore the fact that there are countries in this world where atrocious massacres are part of the daily life seems fine.

It was written in the US Declaration of Independence that "We hold these

truths to be self-evident, that all men are created equal [...]". How could that possibly be true? This morning I was at home, healthy, comfortably sitting in front of my computer screen, with a cup of coffee in hand. A few minutes later, I was working (or luxuriously pretending to be) to earn money that I spent in the bar that night with my friends. In the mean time, not so far away, people were killed, raped, mutilated. The truth is that I don't even care when I think about it. This morning I was pretending being concerned for other people, but tonight I don't give a shit anymore.

Something must be wrong.

-- anonymous coward / Phrack

[1] http://www.chinapost.com.tw/china/national-news/2011/10/21/320549/Chinese-girl.htm

-----(Phrack Issue #68)-----

Hello Phrackers! How are you guys doing? We hope well. We hope your latest exploit works reliably (again) and all your bounces are alive and pinging. We also hope you and your friends still are out of prison, or recently came out (wink wink). Us, we're doing good. Looks like we did it again and a new release is here. Ya-hoo.

This release brings you an amazing selection of hacking goodies. We have two papers on applied cryptanalysis by greg and SysK, an area in which we hope to see more submissions for the next issues. We are also thrilled about the return of the Art of Exploitation section. And what a return; we have for you not one, but two detailed papers demonstrating that exploitation is indeed an art form. Speaking of exploitation, did you ever wonder what Firefox, FreeBSD and NetBSD have in common? Read the paper by argp & huku and find out. Are you hacking Windows' farms? Be sure to check the p1ckp0ck3t's novel approach of stealing Active Directory password hashes. Perhaps you prefer malware analysis and identification of malware families; Pouik and G0rfi3ld have written a paper with a focus on Android malware that will satisfy you. Android is quickly becoming the standard mobile platform. I think it's time for an Android/ARM kernel rootkit. Start from dong-hoon you's paper and hack your own. styx^ continues the kernel fun with a paper that updates truff's LKM infection techniques to 2.6.x and 3.x Linux kernels. If for whatever reason you're afraid of messing with your kernels, Crossbower shows you how to create a stealthy userland backdoor without creating new processes or threads.

We also believe that you will find merit with the two main non technical papers of this issue. Both address more or less the same topics, but from two totally different points of view. On one hand, we have an analysis of how the happiness that hacking brings to all of us can and is corrupted by the security industry. One the other, a call to all hackers to take a side between staying true to the spirit of hacking and selling out to the military intelligence industrial complex. Read them, think about them and take a side. Remember, "The hottest places in hell are reserved for those who in times of great moral crisis maintain their neutrality".

Phrack World News is also making a comeback, courtesy of TCLH. In International Scenes we explore Korea and the past of the Greek scene. Loopback has increased and we decided to resurrect Linenoise as we had some tiny but not less interesting submissions. While being eligible for an issue remains hard, submitting for Linenoise may be an easier way for people to share tricks in the next issues.

We are proud to have FX prophiled in this epic issue. As an added gift, FX wrote a eulogy for PH-Neutral, at least in its original form. PH-Neutral, as all great hacker creations, lives on as long as the hackers behind it are fueling it with their passion.

Speaking of hacker passion, this issue re-establishes a long lost connection. Phrack and SummerCon are again bonded on the 25th anniversary of SummerCon! Shmeck and redpantz, representing SummerCon, contribute two papers; a history of the conference from its beginning in 1987 to this year, and of course one of the Art of Exploitation papers.

Believe it or not it was _fucking_ hard to prepare this issue. It's no news that the mentality of the hacking community has changed, but this time we had to face multiple deceptions. It's not the first time, however the quantity makes this event scary. It demonstrates how rotten and corrupted the so-called spirit of some people pretending to be part of the underground has become.

There's a time when you realize that you've lost count of the battles you lost, but you still kinda won enough to keep faith. More importantly, you realize that you still care. Granted, it's not the deep, mystical and life changing moment that movies display -- the huge pile of shit you pushed out of the door just before getting to sleep is still there. It maybe just stinks a little less.

But we care, hell, we really care about Phrack and what it means. It costs time and frustration, many battles lost, it faces the two-point-oh revolution (lots of quality stuff goes into blogs, for immediate consumption) and the money drop by the security industry, but the satisfaction of seeing it out again is huge. Yes, we care.

And that's not just because we're a bunch of old farts that stay attached to the past. We care because it's a constant, maybe feeble but constant, heartbeat of that world, that community that we grew up and now live in. You know, that little thing called 'the Underground' that we are proud and honored to somehow, in part, represent.

We've heard from many corners that 'the Underground' is dead. We'd love to hear those people describe what the Underground is, then. Sure, things change, evolve. Laws, computing power, money invested, political links, technology, every piece moves fast and reshapes the landscape. But if you're reading these lines today, if you've just finished a 36-hour coding, hacking marathon, you're keeping it alive.

So thank you, for that. Thank you to the authors for finding the time of sharing their knowledge. Thank you to anyone that setups a new connection. Thank you to whomever fights for information and freedom. Thanks crews.

Happy hacking, Phrackers.
You guys are the BEST heartbeat in the world.

-- the Phrack staff

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                - By the community, for the community. -

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                    -----( GreetZ for issue #68 )-----

     - FX:                          epicness personified
     - herm1t:                      you have our support
     - TCLH:                        for everything
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    - x82:                          deepest apologies for the 1 year wait
    - anonymous authors:            best part of this issue
    - sysk:                         keep submitting man!
    - redpantz & Shmeck:            Phrack and SummerCon bonded again
    - greg:                         schooling Alice and Bob
    - Crossbower:                   parasite zoologist
    - the p1ckp0ck3t:               be wary or he will get your hashes
    - huku & argp:                  the scourge of memory allocators
    - styx^:                        yes we are hardcore reviewers
    - Pouik & G0rfi3ld:             who the hell is G0rfi3ld??? ;>
    - scene phile writers:          you have big balls guyz
    - linenoise writers:            Eva you're soooooooo cute :3
    - our generous hoster:          a contribution not forgotten ;)
    - z4ppy, ender:                 external reviews are paid in beers
    - b3n:                          too bad we didn't use your stuff
    - No greetz, no thankz to:      you know who you are :<

       And of course many thanks to the loopback contributors :')


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